
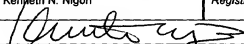


FORM PTO-1300 (REV 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER NSG-201US	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/937194	
INTERNATIONAL APPLICATION NO. PCT/JP01/00623		INTERNATIONAL FILING DATE 31 January 2001 (31.01.01)		PRIORITY DATE CLAIMED 31 January 2000 (31.01.00)	
TITLE OF INVENTION LIGHT-EMITTING THYRISTOR MATRIX ARRAY AND DRIVE CIRCUIT FOR THE ARRAY					
APPLICANT(S) FOR DO/EO/US Seiji OHNO and Yukihsa KUSUDA					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11 to 20 below concern documents(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 U.S.C. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Certificate of Mailing by Express Mail and Request					

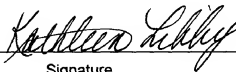
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21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1) - (5)): <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1000.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$860.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00				CALCULATIONS PTO USE ONLY <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">ENTER APPROPRIATE BASIC FEE AMOUNT =</td> <td style="width: 50%; padding: 2px; text-align: right;">\$ 860.00</td> </tr> <tr> <td style="padding: 2px;">Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="padding: 2px; text-align: right;">\$</td> </tr> <tr> <td style="padding: 2px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">EXTRA NUMBER</th> <th style="width: 25%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>26-20 =</td> <td>6</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1-3 =</td> <td>3</td> <td>X \$80.00</td> </tr> </table> </td> <td style="padding: 2px; text-align: right;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$108.00</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$270.00</td> </tr> </table> </td> </tr> <tr> <td style="padding: 2px;">MULTIPLE DEPENDENT CLAIM(S) (if applicable) <input checked="" type="checkbox"/> + \$270.00</td> <td style="padding: 2px; text-align: right;">\$270.00</td> </tr> <tr> <td style="padding: 2px;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="padding: 2px; text-align: right;">\$1238.00</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td style="padding: 2px; text-align: right;">\$</td> </tr> <tr> <td style="padding: 2px;">SUBTOTAL =</td> <td style="padding: 2px; text-align: right;">\$1238.00</td> </tr> <tr> <td style="padding: 2px;">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="padding: 2px; text-align: right;">\$</td> </tr> <tr> <td style="padding: 2px;">TOTAL NATIONAL FEE =</td> <td style="padding: 2px; text-align: right;">\$1238.00</td> </tr> <tr> <td style="padding: 2px;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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a. <input checked="" type="checkbox"/> Two checks in the amounts of \$1188.00 and \$90.00 to cover the above fees are enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350 . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																														
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																														
CORRESPONDENCE ADDRESS <input checked="" type="checkbox"/> Customer Number or Bar Code Label <div style="text-align: center;">  (Insert Customer Number or Bar Code Label here) </div> <div style="text-align: right;"> or <input type="checkbox"/> Correspondence address below </div>																																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">Name</td> <td colspan="5" style="padding: 2px; text-align: center;">23122</td> </tr> <tr> <td style="padding: 2px;">Address</td> <td colspan="5" style="padding: 2px; text-align: center;">PATENT TRADEMARK OFFICE</td> </tr> <tr> <td style="padding: 2px;">City</td> <td style="padding: 2px;">State</td> <td style="padding: 2px;">Zip Code</td> <td colspan="3" style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Country</td> <td style="padding: 2px;">Telephone</td> <td style="padding: 2px;">Fax</td> <td colspan="3" style="padding: 2px;"></td> </tr> </table>						Name	23122					Address	PATENT TRADEMARK OFFICE					City	State	Zip Code				Country	Telephone	Fax																				
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Name (Print/Type)		Kenneth N. Nigon		Registration No. (Attorney/Agent)																																										
Signature				Date																																										
				September 21, 2001																																										

Certificate of Mailing under 37 CFR 1.10

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Washington, D.C. 20231

on September 21, 2001.
Date



Signature

Kathleen Libby

Typed or printed name of person signing Certificate

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PCT National Stage Application with PTO-1390 and its enclosures.

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